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Department of Energy

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Memorandum

Rocky Flats Office
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IDEKER, E H	
KIRBY, W A	
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MARX, G E	
McKENNA, F G	
MORGAN, R V	
PIZZUTO, V M	
POTTER, G L	
RILEY, J H	
SANDLIN, N B	
SATTERWHITE, D G	
SCHUBERT, A L	
SETLOCK, G H	
SHEPLER, R L	
SULLIVAN, M T	
SWANSON, E R	
WILKINSON, R B	
WILSON, J M	
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Draft Technical Memoranda 2, 3, and 4 for the Phase I RFI/RI Work Plan for Operable Unit-4

Autar Rampertaap, Chief, Rocky Flats Branch, EM-453, DOE-HQ

Please find the enclosed draft copies of Technical Memoranda 2, 3, and 4 for the Phase I RFI/RI Work Plan for the Operable Unit-4, Solar Evaporation Ponds project. Due to recent RFI/RI data collection and analysis, the field work agreed upon in the currently conditionally approved Work Plan is over-scoped with respect to selected boreholes, does not address preferential ground water flowpaths, and may not satisfy the specific objectives necessary to produce a quality Phase I RFI/RI Report for OU-4. Consequently, DOE/RFO and EG&G/RF has proposed the concepts and new borehole locations outlined in TM No 1 to the regulatory agencies during the course of several recent meetings. TM No 1 will serve to document these proposals, which we feel will allow us to produce a more comprehensive, scientifically defensible and cost-effective RFI/RI Report.

Technical Memorandum No 3 outlines the conceptual approach/strategy for implementation of the Environmental Evaluation (EE) field activities and development of the RFI/RI Report. This approach was proposed in the Draft EE Working Document previously forwarded to your office for review and comment. The TM is based on the working document and includes a field sampling and analysis plan and the details required to effectively execute the environmental evaluation component of the Phase I RFI/RI program for OU-4.

Technical Memorandum No 4 presents the proposed exposure scenarios in support of the Baseline Risk Assessment (BRA) for the RFI/RI Report. The scope of TM No 4 is limited to the identification of the following two items with respect to the characterized source materials and soil within OU-4:

- 1) Exposure pathways and associated intake routes and parameters
- 2) Current and future human exposure scenarios

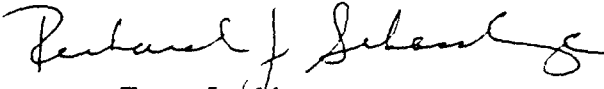
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Due to the extremely tight time constraints imposed by the schedule slippage for completion of the OU-4 RFI/RI Phase I Report, please expedite your review of these TM's and forward comments to Scott R Surovchak of my staff by March 5, 1993


Frazer Lockhart
SPRP Manager
Environmental Restoration Division

Attachment

cc w/Attachment
B Magee, HAZWRAP

cc w/o Attachment.
J Ciocco, EM-453
J Hartman, AMTER, RFO
R Schassburger, ERD, RFO
R Ogg, EG&G